

| CLAIMS ONLY  |          |      |                        |      |                        |      | SERIAL NO.   | FILING DATE |
|--------------|----------|------|------------------------|------|------------------------|------|--------------|-------------|
|              |          |      |                        |      |                        |      | APPLICANT(S) |             |
| CLAIMS       |          |      |                        |      |                        |      |              |             |
|              | AS FILED |      | AFTER<br>1st AMENDMENT |      | AFTER<br>2nd AMENDMENT |      | ★            |             |
|              | IND.     | DEP. | IND.                   | DEP. | IND.                   | DEP. | IND.         | DEP.        |
| 1            |          |      |                        |      |                        |      |              |             |
| 2            |          |      |                        |      |                        |      |              |             |
| 3            |          |      |                        |      |                        |      |              |             |
| 4            |          |      |                        |      |                        |      |              |             |
| 5            |          |      |                        |      |                        |      |              |             |
| 6            |          |      |                        |      |                        |      |              |             |
| 7            |          |      |                        |      |                        |      |              |             |
| 8            |          |      |                        |      |                        |      |              |             |
| 9            |          |      |                        |      |                        |      |              |             |
| 10           |          |      |                        |      |                        |      |              |             |
| 11           |          |      |                        |      |                        |      |              |             |
| 12           |          |      |                        |      |                        |      |              |             |
| 13           |          |      |                        |      |                        |      |              |             |
| 14           |          |      |                        |      |                        |      |              |             |
| 15           |          |      |                        |      |                        |      |              |             |
| 16           |          |      |                        |      |                        |      |              |             |
| 17           |          |      |                        |      |                        |      |              |             |
| 18           |          |      |                        |      |                        |      |              |             |
| 19           |          |      |                        |      |                        |      |              |             |
| 20           |          |      |                        |      |                        |      |              |             |
| 21           |          |      |                        |      |                        |      |              |             |
| 22           |          |      |                        |      |                        |      |              |             |
| 23           |          |      |                        |      |                        |      |              |             |
| 24           |          |      |                        |      |                        |      |              |             |
| 25           |          |      |                        |      |                        |      |              |             |
| 26           |          |      |                        |      |                        |      |              |             |
| 27           |          |      |                        |      |                        |      |              |             |
| 28           |          |      |                        |      |                        |      |              |             |
| 29           |          |      |                        |      |                        |      |              |             |
| 30           |          |      |                        |      |                        |      |              |             |
| 31           |          |      |                        |      |                        |      |              |             |
| 32           |          |      |                        |      |                        |      |              |             |
| 33           |          |      |                        |      |                        |      |              |             |
| 34           |          |      |                        |      |                        |      |              |             |
| 35           |          |      |                        |      |                        |      |              |             |
| 36           |          |      |                        |      |                        |      |              |             |
| 37           |          |      |                        |      |                        |      |              |             |
| 38           |          |      |                        |      |                        |      |              |             |
| 39           |          |      |                        |      |                        |      |              |             |
| 40           |          |      |                        |      |                        |      |              |             |
| 41           |          |      |                        |      |                        |      |              |             |
| 42           |          |      |                        |      |                        |      |              |             |
| 43           |          |      |                        |      |                        |      |              |             |
| 44           |          |      |                        |      |                        |      |              |             |
| 45           |          |      |                        |      |                        |      |              |             |
| 46           |          |      |                        |      |                        |      |              |             |
| 47           |          |      |                        |      |                        |      |              |             |
| 48           |          |      |                        |      |                        |      |              |             |
| 49           |          |      |                        |      |                        |      |              |             |
| 50           |          |      |                        |      |                        |      |              |             |
| 51           |          |      |                        |      |                        |      |              |             |
| 52           |          |      |                        |      |                        |      |              |             |
| 53           |          |      |                        |      |                        |      |              |             |
| 54           |          |      |                        |      |                        |      |              |             |
| 55           |          |      |                        |      |                        |      |              |             |
| 56           |          |      |                        |      |                        |      |              |             |
| 57           |          |      |                        |      |                        |      |              |             |
| 58           |          |      |                        |      |                        |      |              |             |
| 59           |          |      |                        |      |                        |      |              |             |
| 60           |          |      |                        |      |                        |      |              |             |
| 61           |          |      |                        |      |                        |      |              |             |
| 62           |          |      |                        |      |                        |      |              |             |
| 63           |          |      |                        |      |                        |      |              |             |
| 64           |          |      |                        |      |                        |      |              |             |
| 65           |          |      |                        |      |                        |      |              |             |
| 66           |          |      |                        |      |                        |      |              |             |
| 67           |          |      |                        |      |                        |      |              |             |
| 68           |          |      |                        |      |                        |      |              |             |
| 69           |          |      |                        |      |                        |      |              |             |
| 70           |          |      |                        |      |                        |      |              |             |
| 71           |          |      |                        |      |                        |      |              |             |
| 72           |          |      |                        |      |                        |      |              |             |
| 73           |          |      |                        |      |                        |      |              |             |
| 74           |          |      |                        |      |                        |      |              |             |
| 75           |          |      |                        |      |                        |      |              |             |
| 76           |          |      |                        |      |                        |      |              |             |
| 77           |          |      |                        |      |                        |      |              |             |
| 78           |          |      |                        |      |                        |      |              |             |
| 79           |          |      |                        |      |                        |      |              |             |
| 80           |          |      |                        |      |                        |      |              |             |
| 81           |          |      |                        |      |                        |      |              |             |
| 82           |          |      |                        |      |                        |      |              |             |
| 83           |          |      |                        |      |                        |      |              |             |
| 84           |          |      |                        |      |                        |      |              |             |
| 85           |          |      |                        |      |                        |      |              |             |
| 86           |          |      |                        |      |                        |      |              |             |
| 87           |          |      |                        |      |                        |      |              |             |
| 88           |          |      |                        |      |                        |      |              |             |
| 89           |          |      |                        |      |                        |      |              |             |
| 90           |          |      |                        |      |                        |      |              |             |
| 91           |          |      |                        |      |                        |      |              |             |
| 92           |          |      |                        |      |                        |      |              |             |
| 93           |          |      |                        |      |                        |      |              |             |
| 94           |          |      |                        |      |                        |      |              |             |
| 95           |          |      |                        |      |                        |      |              |             |
| 96           |          |      |                        |      |                        |      |              |             |
| 97           |          |      |                        |      |                        |      |              |             |
| 98           |          |      |                        |      |                        |      |              |             |
| 99           |          |      |                        |      |                        |      |              |             |
| 100          |          |      |                        |      |                        |      |              |             |
| TOTAL IND.   | 3        | ↓    |                        | ↓    |                        | ↓    |              | ↓           |
| TOTAL DEP.   | 14       | ↓    |                        | ↓    |                        | ↓    |              | ↓           |
| TOTAL CLAIMS | 17       |      |                        |      |                        |      |              |             |

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

FORM PTO-2022 (1-98)

\*U.S. GPO: 1998-443-593/89152